

Maryland Historical Trust

Maryland Inventory of Historic Properties number: HO-652

Name: HO 61/Altol Ave. over Deep Run

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended _____	Eligibility Not Recommended <u>X</u>
Criteria: <u> </u> A <u> </u> B <u> </u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____	

Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

MARYLAND INVENTORY OF HISTORIC BRIDGES
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION/
MARYLAND HISTORICAL TRUST

MHT No. HO-652

SHA Bridge No. HO 61

Bridge name Athol Avenue over Deep Run

LOCATION:

Street/Road name and number [facility carried] Athol Avenue

City/town Elkridge Vicinity X

County Howard

This bridge projects over: Road Railway Water X Land

Ownership: State County X Municipal Other

HISTORIC STATUS:

Is bridge located within a designated historic district? Yes No X

National Register-listed district National Register-determined-eligible district

Locally-designated district Other

Name of district

BRIDGE TYPE:

Timber Bridge :

Beam Bridge Truss -Covered Trestle Timber-And-Concrete

Stone Arch Bridge

Metal Truss Bridge

Movable Bridge :

Swing Bascule Single Leaf Bascule Multiple Leaf

Vertical Lift Retractable Pontoon

Metal Girder :

Rolled Girder Rolled Girder Concrete Encased

Plate Girder Plate Girder Concrete Encased

Metal Suspension

Metal Arch

Metal Cantilever

Concrete :

Concrete Arch Concrete Slab X Concrete Beam Rigid Frame

Other Type Name

DESCRIPTION:Setting: Urban _____ Small town X Rural _____**Describe Setting:**

Bridge HO 61 carries Athol Avenue over Deep Run in the vicinity of Elkridge. The setting is residential, with houses on either side of the creek. The road runs in a generally east west direction.

Describe Superstructure and Substructure:

Bridge HO 61 is a single span concrete slab bridge, built in 1945, with a span length of 26 feet and an overall structure length of 28 feet. There is a 21.5-foot clear roadway width between W-beam guardrails. The guardrails have replaced the parapets. The concrete slab is supported by stone masonry abutments. The bridge was rehabilitated in 1983. The overall condition of the superstructure is good. There is an irregular, transverse, 1/4" wide crack in the pavement behind both abutments.

The overall condition of the substructure is satisfactory. The top of the west abutment sounds hollow from the centerline to the north fascia. The northwest wingwall exhibits loss of stone and mortar. The remaining walls exhibit minor loss.

Discuss Major Alterations:

Modern guardrails have replaced the parapets. The 1995 County inspection reports states that the superstructure was replaced in 1983.

HISTORY:WHEN was bridge built 1945This date is: Actual X Estimated _____Source of date: Plaque _____ Design plans _____ County bridge files/inspection form XOther (specify) County inspection files**WHY was bridge built?**

The need for a more efficient transportation network and increased load capacity.

WHO was the designer?

Unknown

WHO was the builder?

Unknown

WHY was bridge altered?

Unknown

Was bridge built as part of organized bridge-building campaign?

Unknown

SURVEYOR/HISTORIAN ANALYSIS:

This bridge may have National Register significance for its association with:

A - Events _____ B- Person _____
C- Engineering/architectural character _____

This bridge does not have National Register significance.

Was the bridge constructed in response to significant events in Maryland or local history?

The bridge was not constructed in response to significant events in Maryland or local history.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

There is no evidence that the construction of this bridge significantly affected the development and growth of the area.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic/visual character of the potential district?

No, this bridge is not located in an area which is eligible for historic designation

Is the bridge a significant example of its type?

No, this bridge is not a significant example of a concrete slab.

Does bridge retain integrity of important elements described in Context Addendum?

This bridge does not retain integrity of its character defining elements because the parapets have been replaced with guardrails. Furthermore, inspection reports state that the entire superstructure was replaced in 1983.

Is bridge a significant example of work of manufacturer, designer and/or engineer?

Manufacturer, designer and/or engineer of this bridge is unknown.

Should bridge be given further study before significance analysis is made?

No further evaluation is necessary to determination National Register significance.

BIBLIOGRAPHY:

County inspection/bridge files X _____ SHA inspection/bridge files _____ Other
(list):

SURVEYOR/SURVEY INFORMATION:

Date bridge recorded 8/95

Name of surveyor Leo Hirrell

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AVE. OVER DEEP RUN





NO OUTLET

HO - 652

HOLD ATOLL AVENUE OVER DEEP RUN

HOWARD CO., MD

P. HALL

8/98

MD SHPO

NORTH APPROACH

1 OF 8



HO-652

HOGI ATOLL AVENUE OVER DEEP RUN

HOWARD CO., MD

C. HALL

8/98

MD SHPO

SOUTH APPROACH

2 OF 8



HO-652

4061 ATOLL AVENUE OVER DEEPRUN

HOWARD CO., MD

C. HALL

8/98

MD SHPO

WEST ELEVATION, NE VIEW

3 OF 8



HO-652

H061 ATOLL AVENUE OVER DEEP RUN

HOWARD CO, MD

R. FIALA

8/98

MD SHPO

EAST ELEVATION, SW VIEW

4 of 8



HO-652

HOGI ATOLL AVENUE OVER DEEP RUN

HOWARD CO., MD

C. HALL

8/98

MD SHPO

WEST ELEVATION, SE VIEW

5 of 8



40-652

4061 F TOLL AVENUE OVER DEEP RUN

HOWARD CO., MD

C. H ALL

8/98

MD SHPO

EAST RAILING

6 OF 8



HO-652

H061 ATOLL AVENUE OVER DEEP RUN

HOWARD CO., MD

C. HALL

8/98

MD SHPO

7 OF 8



HO-652

HO61 ATOLL AVENUE OVER DEEP RUN

HOWARD CO., MD

C. HALL

8/98

MD SHPO

EAST ELEVATION, SW VIEW

8 of 8